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## *Gates & Cooper* LLP

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TO: Commissioner for Patents  
Attn: Examiner Sam K. Ahn  
Patent Examining Corps  
Facsimile Center  
Alexandria, VA 22313-1450

FROM: Victor G. Cooper  
OUR REF.: 202109/202110  
TELEPHONE: (310) 642-4142


Total pages, including cover letter: 16

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Title of Document Transmitted:	TRANSMITTALS AND AMENDMENT UNDER 37 C.F.R. 1.111
Applicant:	Ernest C. Chen et al.
Serial No.:	10/519,322
Filed:	December 23, 2004
Group Art Unit:	2611
Title:	IMPROVING HIERARCHICAL 8PSK PERFORMANCE
Our Ref. No.:	202109/202110

Please charge all fees to Deposit Account No. 50-0383 of The DIRECTV Group, Inc., the assignee of the present application.

By:   
Name: Victor G. Cooper  
Reg. No.: 39,641

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

  
Signature

November 14, 2007  
Date

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Due Date: November 14, 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ernest C. Chen et al.	Examiner:	Sam K. Ahn
Serial No.:	10/519,322	Group Art Unit:	2611
Filed:	December 23, 2004	Docket:	202109/202110
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CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on November 14, 2007.

By: C. Flores  
Name: Christine Flores

AMENDMENT UNDER 37 C.F.R. §1.111

MAIL STOP AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated August 14, 2007, please amend the above-identified application as follows.